Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 15 Jan 2021 until 23:59 on Saturday 16 Jan 2021

Forecast Issued on Friday 15 Jan 2021 at 01:34

Confidence: High for cold but dry and bright conditions for Friday, also for a band of snow and rain crossing from the west Saturday morning, but some uncertainty regarding the extent of snowfall. Confidence becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and snow from Monday.

Headline for Friday 15 Jan 2021: Cold, but dry with sunny then bright spells and light winds.

Mountain weather hazards on Friday 15 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Friday 15 Jan 2021

Weather: Cold but dry with sunny spells this morning for many areas, but also mist and low cloud lingering across eastern and southern locations, and with morning valley freezing fog for the clearer western areas. This afternoon the sunshine turns hazy as higher cloud spreads in from the west. Cloud thickening this evening, but remaining dry.

Chance of cloud free mountain/hill tops above 600m: 10% at first across southern and eastern areas, with bases 300m or even lower, gradually improving slightly to 40% through today. Elsewhere 90% with bases generally above the summits, only patchy cloud around 400-600m.

Visibility: Generally moderate or poor, very poor with the hill fog and low level freezing fog, gradually improving good or very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 15 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 E	4/5 S	6/8 S	9/14 S	15/23 S	18/29 S	22/34 S
300	3/4 E	3/4 SE	3/5 SE	6/9 S	12/21 S	14/24 S	18/29 S
Valley	3/6 E	3/5 SE	2/5 S	2/6 S	5/15 SE	8/20 SE	10/24 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-2/-5	-2/-5	-2/-6	-1/-7	-2/-9	-2/-9
300	-0/-2	-1/-3	-0/-2	0/-3	-1/-6	-1/-7	-0/-7
Valley	-2/-4	-2/-4	1/-1	1/-1	-2/-5	-1/-5	-0/-5
Freezing Level*	00m	00m	200m	300m	00m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There will be a significant wind chill at height. Also icy conditions at all levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 15 Jan 2021	11.4mm	39.4mm	42.4mm

Forecast for Saturday 16 Jan 2021

Weather: A broad area of occasionally heavy snow and rain will arrive from the west during the night and through the morning, which becomes weaker towards mid-day, then clearing east early afternoon. Sunshine and showers follow from the west. Snow level penetrating to all levels overnight, before lifting to around 700m by noon.

Maximum wind: South 30-35mph at first with gusts 50mph across most exposed ridges and summits, before winds veer westerly and gradually ease from early afternoon.

Chance of cloud free mountain/hill tops above 600m: 10% or less at first with bases extensive from 450-600m, becoming 60% early afternoon and 80% during the evening as clouds lift and break.

Visibility: Virtually nil in with the snow, rain and hill fog, becoming generally good from early afternoon, but lowering to a handful of kilometres in the showers.

Temperature: **Valleys:** Minus 7 Celsius rising plus 3 Celsius during the afternoon
At 600m: Minus 2 Celsius rising to plus 2 Celsius during the afternoon
Freezing level: 100m lifting 700m

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